

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK

NAME OF COMPANY OR OPERATOR MAINLINE USA INC. DATE Feb. 16/81
227 1/2 S. MAIN ST. OTTAWA, KANSAS
 Address City State

DESCRIPTION OF WELL AND LEASE			
Name of lease <u>BERTHA SLAGER</u>	Well number <u>2</u>	Elevation (ground) <u>880' (TM)</u>	
WELL LOCATION (give footage from section lines) <u>1486</u> ft. from (N)(S) sec. line <u>1446</u> ft. from (E)(W) sec. line			
WELL LOCATION Section <u>35</u> Township <u>44</u> Range <u>33</u>		County <u>CASS</u>	
Nearest distance from proposed location to property or lease line: <u>165</u> feet		Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: <u>1650</u> feet	
Proposed depth: <u>200'</u>	Rotary or Cable tools <u>ROTARY</u>	Approx. date work will start <u>FEBRUARY 1, 1981</u>	
Number of acres in lease: <u>160</u>	Number of wells on lease, including this well, completed in or drilling to this reservoir: <u>4</u> Number of abandoned wells on lease: <u>- NONE -</u>		
If lease, purchased with one or more wells drilled, from whom purchased: Name _____ Address _____		No. of Wells: producing _____ inactive _____ abandoned _____	
Status of Bond Single Well <input type="checkbox"/> Amt. _____ Blanket Bond <input checked="" type="checkbox"/> Amt. <u>\$20,000</u> <input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED			
Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone) use back of form if needed.			
Proposed casing program:		Approved casing - To be filled in by State Geologist	
amt. <u>25'</u> size <u>7"</u> wt./ft. <u>27#</u> cem. <u>YES</u>	amt. _____ size _____ wt./ft. _____ cem. _____	amt. <u>200'</u> size <u>2 3/8"</u> wt./ft. <u>3.75#</u> cem. <u>TD 6 SURF</u>	amt. _____ size _____ wt./ft. _____ cem. _____
I, the undersigned, state that I am the <u>PRODUCTION MANAGER</u> of the <u>MAINLINE USA INC.</u> (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge. Signature <u>Phillip D. Lebra</u>			

Permit Number 20153

Approval Date: 12/19/81

Approved By: Wallace B. Howe

Note: This Permit not transferable to any other person or to any other location.

Remit two copies to: Missouri Oil and Gas Council
 P.O. Box 250 Rolla, Mo. 65401
 One will be returned for driller's signature

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FEB 19 1981

MO. OIL & GAS COUNCIL

SAMPLES REQUIRED
 SAMPLES NOT REQUIRED

WATER SAMPLES REQUIRED @ _____

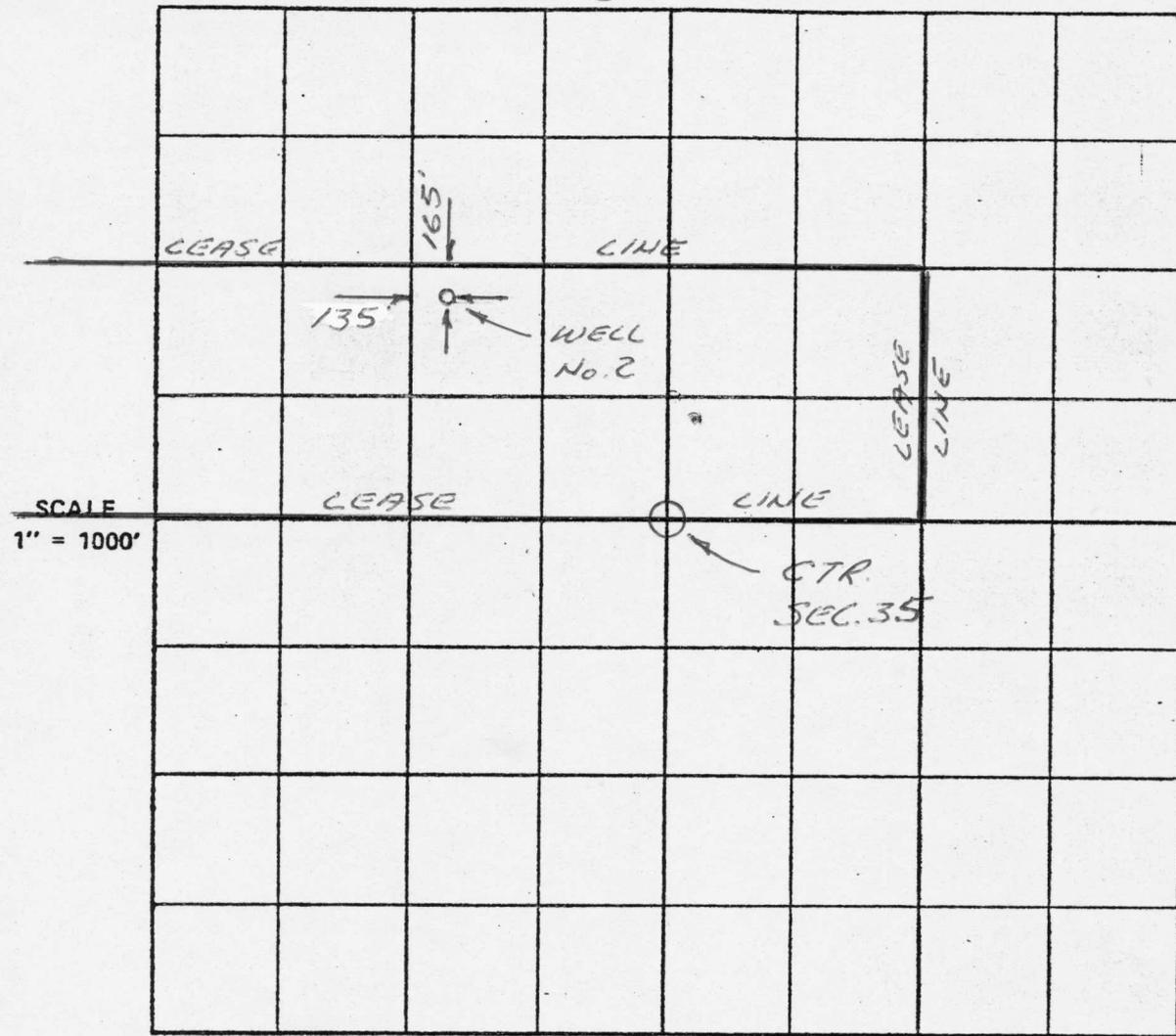
Approval of this permit by the Oil and Gas Council does not constitute endorsement of the geologic merits of the proposed well nor endorsement of the qualifications of the permittee.

WELL LOCATION PLAT

Owner: Bertha M. Slager

Lease Name: Bertha M. Slager County, Cass

1486 feet from (N) (S) line and 1446 feet from (E) (W) line of Sec. 35 Twp. 44 Range 33



REMARKS: Lessee: Mainline U.S.A. Inc.
227 1/2 S. Main Street
Ottawa, Kansas
Well No. 2

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest lease and section lines, and from the nearest well on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all off-setting wells to the proposed well. Do not confuse survey lines with lease lines. See rule 7 - 3 (b) for survey requirements.

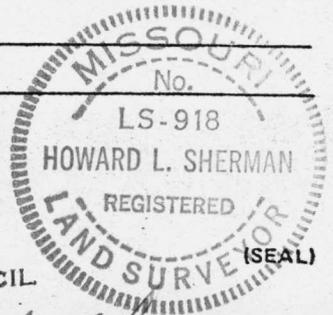
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P.O. Box 250 Rolla, Mo. 65401
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Howard L. Sherman
Registered Land Surveyor



MISSOURI OIL AND GAS COUNCIL

Form OGC-5

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

New Well Work-Over Deepen Plug Back Same Reservoir Different Reservoir Oil Gas Dry

Owner MAINLINE USA INC.		Address 105 East Madison, Iola, Kansas 66749	
Lease Name Slager, B.		Well Number 2	
Location 1486' fns1 1446' fws1		Sec. — TWP-Range or Block & Survey S-35 T-44 R-33	
County Cass	Permit number (OGC3 number) #20153		
Date spudded 2-13-81	Date total depth reached 2-13-81	Date completed, ready to produce Dry	Elevation (DF, RKB, RT or Gr.) feet 880'
Elevation of casing hd. flange feet 881'			
Total depth 184'	P. B. T. D 184'		
Producing interval (s) for this completion Dry		Rotary tools used (interval) From to Drilling Fluid used Mud.....	Cable tools used (interval) From to NA.....
Was this well directionally drilled? No	Was directional survey made? No	Was copy of directional survey filed? No	Date filed No
Type of electrical or other logs run (list logs filed with the State Geologist) None			Date filed No

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)						
Purpose	Size hole drilled	Size casing set	Weight (lb ft.)	Depth set	Sacks cement	Amt. pulled
Surf. Csg.	8 5/8"	7"	23.0	25	4	
Long String	5 1/8"	None				

LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
DRY				

INITIAL PRODUCTION

Date of first production DRY		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)					
Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity API (Corr.)	
Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas—oil ratio	

Disposition of gas (state whether vented, used for fuel or sold):

Method of disposal of mud pit contents: Mud pits back filled

CERTIFICATE: I, the undersigned, state that I am the Landman of the MAINLINE USA INC. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

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MAR 02 1983

Signature Jessie H. O'Connell
Landman B. J. Shuster

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PLUGGING RECORD

Owner KANSAS PETROLEUM PROPERTIES INC		Address BOX 145 CHANUTE, KS 66720			
Name of Lease BERTHA JLAGER		Well No. 2	Permit Number (OGC-3 or OGC-3I number) 20153		
Location of Well 1486' FNL 1446' FWL S35-44-33		Sec-Twp-Rng or Block & Survey		County CASS	
Application to drill this well was filed in name of MAINLINE USA INC		Has this well ever produced oil or gas? NO	Character of well at completion (initial production) Oil (bbls/day) 0 Gas (MCF/day) 0		Dry? YES
Date Abandoned 7-7-83 11:00	Total depth 184'	Amount well producing prior to abandonment Oil (bbls/day) 0 Gas (MCF/day) 0		Water (bbls/day) 0	
Name of each formation containing oil or gas. Indicate which formation open to well bore at time of abandonment.		Fluid content of each formation		Depth interval of each formation	
NOT KNOWN		NOT KNOWN		NOT KNOWN	
PLUGGING OPERATION: RAN 1" PIPE TO BRIDGE AT 140'. CEMENTED UNTIL RETURNS TO SURFACE W/ 18 SX. PULLED 1" AND FILLED HOLE W/ 1 SX (TOTAL 19 SX)					
Size pipe	Put in well (ft)	Pulled out (ft)	Left in well (ft)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
7"	?	3'	?	CUT OFF	
Was well filled with mud-laden fluid?			Indicate deepest formation containing fresh water.		
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name		Address		Direction from this well:	
EDWARD LEWIS (SURFACE)		RR#1 CLEVELAND MO		WEST	
ROBERT HOCKER (SURFACE)		"		NORTH	
RICHARD MORRISON (")		"		EAST	
WILLIS LEE (")		"		SOUTH	
Method of disposal of mud pit contents: EVAPORATION- PITS BACKFILLED AND LEVELED					
Use reverse side for additional detail.					
File this form in duplicate with					
CERTIFICATE: I, the undersigned, state that I am the CONSULTING ENGINEER of the KANSAS PETROLEUM PROPERTIES INC (Company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.					
				Signature H. Dyanam	

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Plugging Release

For valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, BERTHA SLAGER, owner of the real property subject to the oil and gas lease described as follows:

SE 1/4 NE 1/4 SEC 34 - T44N R33W AND
S 1/2 NW 1/4 & SW 1/4 NE 1/4 SEC 35 - T44N R33W
CONTAINING 160 ACRES MORE OR LESS
ALL IN CASS COUNTY MISSOURI

have inspected my property and to the best of my knowledge all holes drilled for the purpose of oil and/or gas have been properly plugged.

Dated 7-12-83

Signed Bertha M. Slager

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CONSOLIDATED OIL WELL SERVICES, INC.

Date	Customer's Acct. No.	Sec.	Twp.	Range	Well No. & Farm	Place or Destination
7-7-83	2563	34+35	44	33	#1, 2, 3+4 Slager	Freeman
Charge To	Owner			County		
Eikhound				Cass		
Mailing Address	Contractor			State		
				Mo.		
City & State	Well Owner Operator Contractor					

CEMENTING SERVICE DATA

TYPE OF JOB	CASING	HOLE DATA	PLUGS AND HEAD	PRESSURE	CEMENT LEFT IN CASING
Surface	New	Bore Size <u>5 7/8</u>	Bottom	Circulating <u>200</u>	Requested
Production	Used	Total Depth <u>184</u>	Top	Minimum <u>100</u>	Necessity
Squeeze	Size	Total Depth <u>196</u>	Head	Maximum <u>400</u>	Measured
Plugging	Weight	Cable Tool	FLOAT EQUIPMENT	Sacks Cement <u>76</u>	
Plugs	Depth	Rotary <input checked="" type="checkbox"/>		Type & Brand <u>50/50 Poz Mix</u>	
	Type			Admixes	

FRACTURING - ACIDIZING SERVICE DATA

Type of Job	At Intervals of				
Gals. Fracturing Fluid	Breakdown Pressure from	psi to		psi	
Treating Pressures: Maximum	psi	Minimum	psi	Avg. Pump Rate	GPM/BPM
Close In					psi
Gals. Treating Acid	Type		Open Hole Diameter		
Well Treating Through: Tubing	Casing	Annulus	Size	Weight	
Remarks:					
No. Perforations	Pay Formation Name	Depth of Job		Ft.	

INVOICE SECTION

CEMENTING				FRACTURING - ACIDIZING			
Pumping Charge	<u>4</u>	Office Use	<u>7101</u> \$ <u>600.00</u>	Pumping Charge		Office Use	\$
Pumping Charge	@	Use	\$	Pumping Charge	@	Use	\$
<u>76</u> Sacks Bulk Cement	@ <u>5.00</u>	<u>1101</u>	<u>380.00</u>	12x30 Sand	@		
Ton Mileage on Bulk Cement <u>60</u>	@	<u>6401</u>	<u>161.88</u>	10x20 Sand	@		
Premium Gel	@			x Sand	@		
Flo-Seal	@			Ton Mileage	@		
Calcium Chloride	@			Gals., Acid	@		
Plug	@			Chemicals	@		
Equipment	@				@		
<u>1 - 21 SX</u>	@				@		
<u>2 - 19 SX</u>	@				@		
<u>3 - 20 SX</u>	@			Potassium Chloride	@		
<u>4 - 16 SX</u>	@			Rock Salt	@		
Granulated Salt	@			Water Gel	@		
Transport Truck (Hrs.)	@			Transport Truck (Hrs.)	@		
Vac Truck (<u>3</u> Hrs.)	@ <u>44.00</u>	<u>6201</u>	<u>132.00</u>	Vac Truck (Hrs.)	@		
Fuel Surcharge	@			Fuel Surcharge	@		
		Tax	<u>15.20</u>				

A Finance Charge computed at 14% per month (annual percentage rate of 21%) will be added to balance over 30 days.

Total \$1289.08

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Consolidated Oil Well Services, Inc.

211 West 14th Street

P.O. Box 884 Chanute, Kansas 66720

Phone: (316) 431-7690 (Office)

(316) 431-9210 (Shop)

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INVOICE DATE	INVOICE NO.
7/19/83	7079

TERMS: Net 30 Days

A Finance Charge computed at 1 3/4 % per month (annual percentage rate of 21 %) will be added to balances over 30 days.

66092



PLEASE REFER TO THIS ACCOUNT NUMBER WHEN MAKING INQUIRIES

ACCOUNT NO.	LOCATION	LEASE AND WELL NO.	JOB TICKET NO.
2563	3	#1,2,3,4, SLAGER	41574

ITEM NUMBER	UNITS	UNIT PRICE	UNIT MEAS	EXTENDED PRICE
101	4	150.00	CHG	600.00
101	76	5.00	SK	380.00
101	1	161.88	CHG	161.88
101	3	44.00	HR	132.00

PROJECT PRICE
BULK CEMENT
TON MILEAGE
TRUCKING-VACUUM

Invoice 7-31
POSTED

ISS INVOICE	TAX	PLEASE PAY
1,273.88	15.20	1,289.08

Thank You!

Permit #: 20153

Date Issued: 2-19-81

County: Cass

Date Cancelled: _____

CONFIDENTIAL UNTIL: _____

Date Plugged: 7-7-83

COMMENTS:

OGC FORMS	Date Received
1	
2	
3	2-19-81
3i	
4	2-19-81
4i	
5	3-2-83
6	
7	10-11-83
8	
11	
12	
Misc. Form 2	

	TYPE	ID #	Date Received
Logs			
Samples	chip core		
	water		
Analyses	core		

Additional Submitted Data: